

CLAIMS

What is claimed to be new and desired to be protected by Letters Patent is set forth in the appended claims.

I claim:

1. A drive mechanism for mounting to the tongue of a boat trailer,
comprising:
 - a) a jack having a first end adapted for attachment to the tongue of a trailer and a second end adapted for having a wheel attached thereto, said wheel for making contact with the ground; and,
 - b) means for driving said wheel whereby the trailer is moved forward and backward.
2. The drive mechanism of Claim 1, further comprising means for lifting said wheel whereby the wheel is moved up and down.
3. The drive mechanism of Claim 2, further comprising means for turning said wheel whereby the trailer is turned to the left and right.

4. The drive mechanism of Claim 3, further comprising means for controlling the drive mechanism whereby the drive mechanism can be turned on and off, the trailer can be moved forward and backward, the wheel is moved up and down, and the trailer is turned to the left and right.

5. The drive mechanism of Claim 4, wherein the drive mechanism is electrically powered, further comprising means for receiving and applying a potential to the drive mechanism whereby the drive mechanism can be powered.

6. The drive mechanism of Claim 4, wherein said means for driving said wheel comprises a first electrical motor having an output shaft thereon, said shaft being adapted to drive said wheel through at least one gear mechanism.

7. The drive mechanism of Claim 6, further comprising a chain and sprocket drive mechanism having a first sprocket adapted for attachment to said motor and a second sprocket adapted for attachment to said wheel to permit the wheel to turn in a direction to move the trailer forward and backward.

8. The drive mechanism of Claim 7, further comprising a belt and pulley drive mechanism having a first pulley adapted for attachment to said motor and a second pulley adapted for attachment to said wheel to permit the wheel to turn in a direction to move the trailer forward and backward.

9. The drive mechanism of Claim 8, further comprising a gear drive mechanism having a first gear adapted for attachment to said motor and a second gear adapted for attachment to said wheel to permit the wheel to turn in a direction to move the trailer forward and backward.

10. The drive mechanism of Claim 9, wherein said means for lifting said wheel comprises:

a) a telescoping shaft disposed on said jack, said telescoping shaft having a first section and a second section wherein each of said first and second sections each have an end corresponding to said first and second ends of said jack; and,

b) a second electrical motor having an output shaft thereon, said shaft being adapted to move said telescoping shaft up and down through at least one gear mechanism.

11. The drive mechanism of Claim 10, wherein said means for turning said wheel comprises a third electrical motor having an output shaft thereon, said shaft being adapted to turn said wheel to the left and right through at least one gear mechanism.